

PTO/SB/05 (4/98)
Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Please type a plus sign (+) inside this box → + Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number Attorney Docket No. 75622.P0007 UTILITY First Inventor or Application Identifier Hein, Jerrell P. PATENT APPLICATION Method and Apparatus for Monitoring Subscriber Loop .. TRANSMITTAL Express Mail Label No. Only for new nonprovisional applications under 37 C.F.R. § 1.53(b)) EL 349960182 US Assistant Commissioner for Patents APPLICATION ELEMENTS ADDRESS TO: **Box Patent Application** See MPEP chapter 600 concerning utility patent application contents. Washington, DC 20231 Fee Transmittal Form (e.g., PTO/SB/17) X Microfiche Computer Program (Appendix) (Submit an original and a duplicate for fee processing) 6. Nucleotide and/or Amino Acid Sequence Submission X Specification [Total Pages (if applicable, all necessary) (preferred arrangement set forth below) Computer Readable Copy - Descriptive title of the Invention - Cross References to Related Applications b. Paper Copy (identical to computer copy) - Statement Regarding Fed sponsored R & D C. Statement verifying identity of above copies - Reference to Microfiche Appendix - Background of the Invention **ACCOMPANYING APPLICATION PARTS** - Brief Summary of the Invention X Assignment Papers (cover sheet & document(s)) - Brief Description of the Drawings (if filed) 37 C.F.R.§3.73(b) Statement Power of - Detailed Description × (when there is an assignee) - Claim(s) 9. English Translation Document (if applicable) - Abstract of the Disclosure Copies of IDS Information Disclosure X Drawing(s) (35 U.S.C. 113) 10. [Total Sheets Statement (IDS)/PTO-1449 Citations 4. Oath or Declaration Preliminary Amendment [Total Pages Return Receipt Postcard (MPEP 503) × Newly executed (original or copy) X 12. (Should be specifically itemized) Copy from a prior application (37 C.F.R. § 1.63(d)) (for continuation/divisional with Box 16 completed) Small Entity Statement filed in prior application, 13. X Statement(s) Status still proper and desired **DELETION OF INVENTOR(S)** (PTO/SB/09-12) Certified Copy of Priority Document(s) Signed statement attached deleting inventor(s) named in the prior application, (if foreign priority is claimed) see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b). NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28). 16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment: Continuation Divisional Continuation-in-part (CIP) of prior application No: Prior application information: Examiner Group / Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 17. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label or Correspondence address below William D. Davis Name PATENT TRACEHARK OFFICE Davis & Johnson, L.L.P. Address P.O. Box 1093, 4503 W Hwy 290 **Dripping Springs** City 78620 Texas State Zip Code

nove Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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FEE TRANSMITTAL		Complete if Known	
		Application Number	
for FY 1999		Filing Date	November 16, 1999
Patent fees are subject to a	nnual revision.	First Named Inventor	Hein, Jerrell P.
Small Entity payments <u>must</u> be supported otherwise large entity fees must be paid.	I by a small entity statement, See Forms PTO/SB/09-12.	Examiner Name	
		Group / Art Unit	
TOTAL AMOUNT OF PAYMENT	(\$) 537	Attorney Docket No.	75622.P0007
METHOD OF DAVMENT	(almost and		LOUI ATION (II

	Attorney	3001101 110.	75022.F0007			
METHOD OF PAYMENT (check one)		FEE C	CALCULATION (continued	i)		
The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account	3. ADDITION Large Entity Sma Fee Fee Fee Code (\$) Cod	Il Entity Fee le (\$)	Fee Description	Fee Paid		
Number	105 130 205	65 Surc	charge - late filing fee or oath			
Deposit Account Name	127 50 227		charge - late provisional filing fee o er sheet.	r		
Charge Any Additional	139 130 139	130 Non-	-English specification			
Fee Required Under 37 CFR 1.16 and 1.17	147 2,520 147	2.520 For f	filing a request for reexamination			
07 07 11 10 and 11 17	112 920* 112	920* Req	uesting publication of SIR prior to			
2. X Payment Enclosed:		Exar	miner action			
Check Money Other	113 1,840° 113	Exar	Requesting publication of SIR after Examiner action			
FEE CALCULATION	115 110 215	55	Extension for reply within first month			
	116 380 216	190 Exte	Extension for reply within second month			
BASIC FILING FEE Large Entity Small Entity	117 870 217	435 Exte	Extension for reply within third month			
Fee Fee Fee Fee Description	118 1,360 218	680 Exte	Extension for reply within fourth month			
Code (\$) Code (\$) Fee Paid 101 760 201 380 Utility filing fee 380	128 1,850 228	925 Exte	ension for reply within fifth month			
	119 300 219	150 Notic	ice of Appeal			
106 310 206 155 Design filing fee			g a brief in support of an appeal			
107 480 207 240 Plant filing fee			uest for oral hearing			
108 760 208 380 Reissue filing fee			tion to institute a public use procee	ding		
114 150 214 75 Provisional filing fee	140 110 240		tion to revive - unavoidable			
SUBTOTAL (1) (\$) 380	141 1,210 241	JJ	tion to revive - unintentional			
2. EXTRA CLAIM FEES	142 1,210 242	605 Utilit	Utility issue fee (or reissue)			
Fee from Extra Claims below Fee Paid	143 430 243	215 Desi	Design issue fee			
Total Claims 16 -20** = 0 x 9 = 0	144 580 244	290 Plan	nt issue fee			
Independent 6 - 3" = 3 x 39 = 117	122 130 122	130 Petit	tions to the Commissioner			
Multiple Dependent =	123 50 123	50 Petit	tions related to provisional applicat	ions		
**or number previously paid, if greater; For Reissues, see below	126 240 126	240 Subr	mission of Information Disclosure S	Stmt		
Large Entity Small Entity Fee Fee Fee Fee Fee Description	581 40 581		Recording each patent assignment per			
Code (\$) Code (\$) 103 18 203 9 Claims in excess of 20	146 760 246	380 Filing	property (times number of properties) 40 Filing a submission after final rejection			
102 78 202 39 Independent claims in excess of 3	140 700 040	(37 ČF	ČFR 1.129(a))			
104 260 204 130 Multiple dependent claim, if not paid	149 760 249		each additional invention to be mined (37 CFR 1.129(b))			
109 78 209 39 ** Reissue independent claims over original patent	Other fee (specify)					
110 18 210 9 ** Reissue claims in excess of 20 and over original patent	Other fee (specify)	ner fee (specify)				
SUBTOTAL (2) (\$) 117 Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40						
SUBMITTED BY	Complete (if	applicable)				
Typed or Printed Name William D. Davis			Reg. Number	38,428		
Signature William A Harry			//6/99 Deposit Account User ID			

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